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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended November 9, 1990 NO. 45

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/09/90	Last Week Ending: 11/02/90	Last Year Week Ending: 11/10/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,901	13,170	13,299	-269	-398
Operable capacity	15,591	15,591	15,576	0	15
Percent operated	82.7	84.5	85.4		
Motor Gasoline					
Total motor gasoline production	6,901	6,783	6,803	118	98
Finished leaded motor gasoline production	327	313	518	14	-191
Finished unleaded motor gasoline production	6,574	6,470	6,285	104	289
Total motor gasoline stocks	218,572	221,221	218,340	-2,649	232
Finished leaded motor gasoline stocks	10,252	10,504	18,838	-252	-8,586
Finished unleaded motor gasoline stocks	169,133	171,557	160,114	-2,424	9,019
Jet Fuel Kerosine					
Jet fuel kerosine production	1,425	1,488	1,228	-63	197
Jet fuel kerosine stocks	44,830	45,131	44,279	-301	551
Distillate Fuel Oil					
Distillate fuel oil production	2,865	2,900	2,978	-35	-113
Distillate fuel oil stocks	135,789	138,227	122,400	-2,438	13,389
Residual Fuel Oil					
Residual fuel oil production	840	734	1,110	106	-270
Residual fuel oil stocks	51,107	49,667	49,860	1,440	1,247
Imports					
Crude oil imports	4,829	5,897	5,862	-1,068	-1,033
Product imports	2,171	1,626	1,832	545	339
Crude Oil Stocks					
Crude oil stocks	345,356	344,478	347,128	878	-1,772
Crude Supply Balance	840				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,270	1,011	1,011	1,384	73.0
Appal. No. 1	110	104	105	124	84.7
DISTRICT 1 TOTAL	1,380	1,115	1,116	1,508	74.0
Ind., Ill., Ky.	1,979	1,751	1,788	2,195	81.5
Minn., Wisc., Daks.	337	320	320	343	93.3
Okla., Kans., Mo.	642	542	554	737	75.2
DISTRICT 2 TOTAL	2,958	2,613	2,662	3,275	81.3
Inland Texas	523	490	514	584	88.0
Texas Gulf Coast	3,128	2,799	2,861	3,339	85.7
La. Gulf Coast	2,665	2,339	2,377	2,903	81.9
N. La. and Ark.	202	191	186	257	72.4
New Mexico	80	77	77	78	98.7
DISTRICT 3 TOTAL	6,598	5,896	6,015	7,161	84.0
DISTRICT 4 TOTAL	453	413	419	556	75.4
DISTRICT 5 TOTAL	2,812	2,630	2,689	3,091	87.0
TOTAL U.S.	14,201	12,667	12,901	15,591	82.7
TOTAL U.S. Weeks Ended:					
NOV. 2, 1990	14,479	12,948	13,170	15,591	84.5
NOV. 10, 1989	14,699	13,136	13,299	15,576	85.4
DISTRICTS 1-4 Weeks Ended:					
NOV. 09, 1990	11,389	10,037	10,212	12,500	81.7
NOV. 2, 1990	11,691	10,409	10,552	12,500	84.4
NOV. 10, 1989	11,991	10,598	10,664	12,538	85.1

API WEEKLY STATISTICAL BULLETIN

Week Ended November 9, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	632	7	625	9	103	300	97
Appal. No. 1	37	1	36	--	--	31	2
DISTRICT 1 TOTAL	669	8	661	9	103	331	99
Ind., Ill., Ky.	1,109	3	1,106	10	139	405	55
Minn., Wisc., Daks.	187	11	176	1	10	90	7
Okla., Kans., Mo.	372	13	359	8	41	150	4
DISTRICT 2 TOTAL	1,668	27	1,641	19	190	645	66
Inland Texas	322	19	303	22	38	120	13
Texas Gulf Coast	1,437	13	1,424	21	309	628	191
La. Gulf Coast	1,309	32	1,277	22	342	508	118
N. La. and Ark.	62	--	62	9	6	52	10
New Mexico	35	7	28	7	2	16	2
DISTRICT 3 TOTAL	3,165	71	3,094	81	697	1,324	334
DISTRICT 4 TOTAL	228	54	174	10	25	116	13
DISTRICT 5 TOTAL	1,171	167	1,004	36	410	449	328
TOTAL U.S.	6,901	327	6,574	155	1,425	2,865	840
TOTAL U.S. Weeks Ended:							
NOV. 2, 1990	6,783	313	6,470	191	1,488	2,900	734
NOV. 10, 1989	6,803	518	6,285	209	1,228	2,978	1,110
DISTRICTS 1-4 Weeks Ended:							
NOV. 09, 1990	5,730	160	5,570	119	1,015	2,416	512
NOV. 2, 1990	5,560	163	5,397	144	1,108	2,438	440
NOV. 10, 1989	5,653	283	5,370	159	889	2,557	642

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,316	15	4,300	1	164	734	7,847	560	--
Central Atlantic	26,633	19	21,989	4,625	407	5,960	40,379	21,744	13,266
Lower Atlantic	28,425	18	28,282	125	540	6,440	16,375	2,757	472
DISTRICT 1 TOTAL	59,374	52	54,571	4,751	1,111	13,134	64,601	25,061	13,738
DISTRICT 2 TOTAL	55,495	2,733	45,107	7,655	916	8,055	27,649	3,768	15,357
DISTRICT 3 TOTAL	65,711	766	47,775	17,170	2,451	15,919	28,893	14,853	51,401
DISTRICT 4 TOTAL	6,850	1,456	3,425	1,969	315	657	2,757	540	2,206
DISTRICT 5 TOTAL	31,142	5,245	18,255	7,642	1,792	7,065	11,889	6,885	23,957
TOTAL U.S.	218,572	10,252	169,133	39,187	6,585	44,830	135,789	51,107	106,659
TOTAL U.S. Weeks Ended:									
NOV. 2, 1990	221,221	10,504	171,557	39,160	6,501	45,131	138,227	49,667	106,610
NOV. 10, 1989	218,340	18,838	160,114	39,388	6,232	44,279	122,400	49,860	112,134
DISTRICTS 1-4 Weeks Ended:									
NOV. 09, 1990	187,430	5,007	150,878	31,545	4,793	37,765	123,900	44,222	82,702
NOV. 2, 1990	189,548	4,901	152,814	31,833	4,438	37,675	126,808	43,099	82,667
NOV. 10, 1989	188,731	12,805	144,330	31,596	4,605	37,780	112,546	41,451	87,121

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 9, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location [1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 09, 1990	4,377.0	4,467.0	4,663	611	265,016
NOV. 2, 1990	4,387.0*	--	5,480	596	263,861
OCT. 26, 1990	4,387.0*	--	4,762	680	263,111
OCT. 19, 1990	4,387.0*	--	4,676	666	266,967
DISTRICT 5 TOTAL					
NOV. 09, 1990	2,848.0	2,573.0	166	13	80,340 #
NOV. 2, 1990	2,846.0*	--	417	28	80,617
OCT. 26, 1990	2,846.0*	--	302	52	76,367
OCT. 19, 1990	2,846.0*	--	155	10	73,414
TOTAL U.S.					
NOV. 09, 1990	7,225.0	7,040.0	4,829	624	345,356 #
NOV. 2, 1990	7,233.0*	--	5,897	624	344,478
OCT. 26, 1990	7,233.0*	--	5,064	732	339,478
OCT. 19, 1990	7,233.0*	--	4,831	676	340,381
NOV. 10, 1989	7,536.0 a/	--	5,862	501	347,128

#INCLUDES 18,849 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
NOV. 09, 1990	840	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 09, 1990	15,053	71,091	166,685	12,187	265,016	80,340 #	345,356 #
NOV. 2, 1990	15,034	70,066	166,194	12,567	263,861	80,617	344,478
NOV. 10, 1989	13,536	75,156	163,920	11,872	264,484	82,644	347,128

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	170	--	170	--	--	34	106	21	1	--	--	332
Central Atlantic	143	--	143	31	--	--	227	239	28	35	108	811
Lower Atlantic	55	--	55	--	--	--	32	148	--	--	19	254
DISTRICT 1 TOTAL												
NOV. 09, 1990	368	--	368	31	--	34	365	408	29	35	127	1,397
NOV. 2, 1990	188	--	188	5	--	34	234	256	6	244	15	982
OCT. 26, 1990	329	--	329	8	--	17	315	320	30	89	59	1,167
OCT. 19, 1990	180	--	180	19	--	15	265	445	16	159	48	1,147
DISTRICTS 2-4 TOTAL												
NOV. 09, 1990	8	--	8	5	2	1	5	6	98	220	385	730
NOV. 2, 1990	3	--	3	2	2	1	3	5	189	204	194	603
OCT. 26, 1990	5	--	5	3	2	2	5	5	89	184	144	439
OCT. 19, 1990	2	--	2	8	2	5	4	8	116	237	48	430
DISTRICT 5 TOTAL												
NOV. 09, 1990	--	--	--	--	--	3	30	6	3	--	2	44
NOV. 2, 1990	4	--	4	--	--	3	3	5	16	--	10	41
OCT. 26, 1990	52	--	52	--	--	--	2	43	3	--	2	102
OCT. 19, 1990	4	--	4	--	--	1	2	6	9	--	1	23
TOTAL U.S.	376	--	376	36	2	38	400	420	130	255	514	2,171
TOTAL U.S. Weeks Ended:												
NOV. 2, 1990	195	--	195	7	2	38	240	266	211	448	219	1,626
OCT. 26, 1990	386	--	386	11	2	19	322	368	122	273	205	1,708
OCT. 19, 1990	186	--	186	27	2	21	271	459	141	396	97	1,600
NOV. 10, 1989	312	--	312	--	46	20	349	311	188	484	122	1,832

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	OCTOBER 1990	SEPTEMBER 1990[r/]	JUNE 1990
Florida	14.0	14.0	16.0
New York-Pennsylvania	7.0	6.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	4.0	6.0
Illinois	51.0	52.0	54.0
Indiana	7.0	7.0	8.0
Kansas	141.0	141.0	147.0
Kentucky	13.0	12.0	14.0
Michigan	50.0	52.0	53.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	16.0	15.0	16.0
Ohio	23.0	22.0	26.0
Oklahoma	275.0	274.0	297.0
North Dakota	98.0	98.0	100.0
South Dakota	4.0	4.0	4.0
Alabama	49.0	48.0	49.0
Arkansas	23.0	24.0	28.0
Mississippi	71.0	72.0	74.0
New Mexico-So. East	162.0	162.0	166.0
New Mexico-Other	14.0	14.0	14.0
North Louisiana	56.0	56.0	56.0
South Louisiana	962.0	959.0	964.0
Total Louisiana	1,018.0	1,015.0	1,020.0
Texas			
District 1	97.0	93.0	75.0
District 2	45.0	46.0	47.0
District 3	189.0	185.0	190.0
District 4	62.0	60.0	62.0
District 5	29.0	30.0	27.0
District 6, East Texas	102.0	94.0	105.0
Other	74.0	75.0	83.0
District 7-B	78.0	75.0	86.0
District 7-C	75.0	77.0	82.0
District 8 and 8-A	999.0	1,003.0	1,000.0
District 9	71.0	73.0	75.0
District 10	39.0	39.0	39.0
Total Texas	1,860.0	1,850.0	1,871.0
Colorado	78.0	79.0	82.0
Montana	48.0	50.0	53.0
Utah	74.0	74.0	76.0
Wyoming	285.0	284.0	284.0
Total Districts 1-4	4,387.0	4,374.0	4,467.0
Alaska	1,888.0	1,699.0	1,613.0
Arizona	0.0	0.0	0.0
California	949.0	948.0	949.0
Nevada	9.0	8.0	11.0
Total District 5	2,846.0	2,655.0	2,573.0
TOTAL U.S.	7,233.0	7,029.0[r/]	7,040.0

[r/] Revised: Data currently displayed are based on reported volumes from 39 producing companies. These volumes are estimated to represent 57.3% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.6% of total U.S. production in September.